

# Contents of Volume 32, 1997

- Adams TH → Wieser J  
Agosin E → Muñoz G  
Aljinovic G → Rieger K-J
- Babudri N → Pimpinelli S  
Bachmair A → Zwirn P  
Bandlow W → Niemer I  
Benítez T → Codón AC  
Boekhout T, Van Belkum A: Variability of karyotypes and RAPD types in genetically related strains of *Cryptococcus neoformans* 203  
Brors B → Schneider R  
Brown K → Kwast KE  
Brüning ARNE → Schoch CL  
Brygoo Y → Levis C  
Bürger F → Schneider R  
Burke PV → Kwast KE
- Camrath S → Schneider R  
Casqueiro J → Hijarrubia MJ  
Clarke DL, Newbert RW, Turner G: Cloning and characterisation of the adenosyl phosphosulphate kinase gene from *Aspergillus nidulans* 408  
Codón AC, Benítez T, Korhola M: Chromosomal reorganization during meiosis of *Saccharomyces cerevisiae* baker's yeasts 247  
Coffin JW, Dhillon R, Ritzel RG, Nargang FE: The *Neurospora crassa cya-5* nuclear gene encodes a protein with a region of homology of the *Saccharomyces cerevisiae* PET309 protein and is required in a post-transcriptional step for the expression of the mitochondrially encoded COXI protein 273  
Cosset A → Fey J
- Daniell H → Zheng D  
Debets AJM → Van Diepeningen AD  
Dennis ES → Murray FR  
Desprez T → Fey J  
Dhillon R → Coffin JW  
Dietrich A → Fey J  
Domínguez A → López MC  
Dranginis AM → Lo W-S  
Dujon B → Richard G-F
- Ehara M → Hayashi-Ishimaru Y  
Entian K-D → Schoch CL
- Fabritius A-L, Judelson HS: Mating-type loci segregate aberrantly in *Phytophthora infestans* but normally in *Phytophthora parasitica*: implications for models of mating-type determination 60  
Fernández FJ → Hijarrubia MJ  
Fernandez Espinar M-T, Labarère J: Cloning and sequencing of the *Aa-Pri1* gene specifically expressed during fruiting initiation in the edible mushroom *Agrocybe aegerita*, and analysis of the predicted amino-acid sequence 420
- Fey J, Dietrich A, Cosset A, Desprez T, Maréchal-Drouard L: Evolutionary aspects of „chloroplast-like“ *trnN* and *trnH* expression in higher-plant mitochondria 358  
Firon N → Yesodi V  
Fortini D → Levis C  
Fraissinet-Tachet L → van den Hombergh JPTW  
Freeman S, Redman RS, Grantham G, Rodriguez RJ: Characterization of a linear DNA plasmid from the filamentous fungal plant pathogen *Glomerella musae* [Anamorph: *Colletotrichum musae* (Berk. & Curt.) Arx.] 152  
Fuge EK → Peck VM  
Fujii M → Maida S
- García S → López MC  
Gbelská Y → Hikkel I  
Geese WJ → Hur M  
Goff LJ → Moon DA  
Gomez MA → Peck VM  
Grallert B, Nurse P: An approach to identify functional homologues and suppressors of genes in fission yeast 27  
Grantham G → Freeman S  
Gutiérrez S → Hijarrubia MJ
- Harrington TC, McNew DL: Self-fertility and uni-directional mating-type switching in *Ceratostysis coeruleascens*, a filamentous ascomycete 52  
Hashiba T → Katsura K  
Hauschner H → Yesodi V  
Hayashi-Ishimaru Y, Ehara M, Inagaki Y, Ohama T: A deviant mitochondrial genetic code in prymnesiophytes (yellow-algae): UGA codon for tryptophan 296  
He C → Poplawski AM
- Hijarrubia MJ, Casqueiro J, Gutiérrez S, Fernández FJ, Martín JF: Characterization of the *bip* gene of *Aspergillus awamori* encoding a protein with an HDEL retention signal homologous to the mammalian BiP involved in polypeptide secretion 139  
Hikkel I, Gbelská Y, van der Aart OJM, Lubec G, Subík J: Cloning and characterization of *KCOX18*, a gene required for activity of cytochrome oxidase in *Kluyveromyces lactis* 267  
Hinnen A → Prætorius-Ibba M  
Hirai A → Kanno A  
Hirochika H → Katsura K  
Hoekstra RF → Van Diepeningen AD  
Hur M, Geese WJ, Waring RB: Self-splicing activity of the mitochondrial group-I introns from *Aspergillus nidulans* and related introns from other species 399
- Inagaki Y → Hayashi-Ishimaru Y  
Irwin JA → Poplawski AM  
Itoh Y, Scott B: Effect of de-phosphorylation of linearized pAN7-1 and of addition of restriction enzyme on plasmid integration in *Penicillium paxilli* 147
- Jönsson LJ, Saloheimo M, Penttilä M: Lacase from the white-rot fungus *Trametes versicolor*: cDNA cloning of *lcc1* and expression in *Pichia pastoris* 425  
Jorden MA → Siliker ME  
Judelson HS → Fabritius A-L
- Kamada T → Maida S  
Kameya T → Kanno A  
Kanno A, Nakazono M, Hirai A, Kameya T: Maintenance of chloroplast-derived sequences in the mitochondrial DNA of Gramineae 413  
Katsura K, Suzuki F, Miyashita S-I, Nishi T, Hirochika H, Hashiba T: The complete nucleotide sequence and characterization of the linear DNA plasmid pRS64-2 from the plant pathogenic fungus *Rhizoctonia solani* 431  
Kielland-Brandt M → Prætorius-Ibba M  
Kissová J → Osuský M  
Köller W → Zheng D  
Korhola M → Codón AC  
Kössel H → Ruf S  
Kováč L → Osuský M  
Kück U → Laser B  
Kuninaga S, Natsuaki T, Takeuchi T, Yokosawa R: Sequence variation of the rDNA ITS regions within and between anastomosis groups in *Rhizoctonia solani* 237  
Kupiec M → Nevo-Caspi Y  
Kwast KE, Burke PV, Brown K, Poyton RO: *REO1* and *ROX1* are alleles of the same gene which encodes a transcriptional repressor of hypoxic genes in *Saccharomyces cerevisiae* 377
- Labarère J → Fernandez Espinar M-T  
Lambrechts MG → Webber AL  
Laser B, Mohr S, Odenbach W, Oettler G, Kück U: Parental and novel copies of the mitochondrial *orf25* gene in the hybrid crop-plant triticale: predominant transcriptional expression of the maternal gene copy 337  
Lazowska J → Rieger K-J  
Leak FW → Palermo LM  
Levis C, Fortini D, Brygoo Y: Transformation of *Botrytis cinerea* with the nitrate reductase gene (*nirA*) shows a high frequency of homologous recombination 157  
Livingston DM → Nguyen MM  
Llewellyn DJ → Murray FR  
Lo W-S, Raïtis E, Dranginis AM: Development of pseudohyphae by embedded haploid and diploid yeast 197  
Lohia A → Roy N  
López MC, García S, Ruiz-Herrera J, Domínguez A: The ornithine decarboxylase gene from *Candida albicans*. Sequence analysis and expression during dimorphism 108  
Lubec G → Hikkel I  
Luschnig C → Zwirn P

- Maida S, Fujii M, Skrzynia C, Pukkila PJ, Kamada T: A temperature-sensitive mutation of *Coprinus cinereus*, *hyt1-1*, that causes swelling of hyphal tips 231
- Manners JM → Poplawski AM
- Maréchal-Drouard L → Fey J
- Marini A → Pimpinelli S
- Martín JF → Hijarubia MJ
- Martin W, Schnarrenberger C: The evolution of the Calvin cycle from prokaryotic to eukaryotic chromosomes: a case study of functional redundancy in ancient pathways through endosymbiosis 1
- McKinney R, Wentz-Hunter K, Schmidt H, Potashkin J: Molecular characterization of a novel fission yeast gene *spUAP2* that interacts with the splicing factor *spU2AF<sup>59</sup>* 323
- McNew DL → Harrington TC
- Meyhack B → Prætorius-Ibba M
- Miyashita S-I → Katsura K
- Mohr S → Laser B
- Monnet G → Prætorius-Ibba M
- Monroe JA → Silliker ME
- Moon DA, Goff LJ: Molecular characterization of two large DNA plasmids in the red alga *Porphyra pulchra* 132
- Morpurgo G → Pimpinelli S
- Müller G → Niemer I
- Muñoz G, Nakari-Setälä T, Agosin E, Penttilä M: Hydrophobin gene *srh1*, expressed during sporulation of the biocontrol agent *Trichoderma harzianum* 225
- Murray FR, Llewellyn DJ, Peacock WJ, Dennis ES: Isolation of the glucose oxidase gene from *Talaromyces flavus* and characterisation of its role in the biocontrol of *Verticillium dahliae* 367
- Nakari-Setälä T → Muñoz G
- Nakazono M → Kanno A
- Nargang FE → Coffin JW
- Natsuaki T → Kuninaga S
- Nevo-Caspi Y, Kupiec M: cDNA-mediated Ty recombination can take place in the absence of plus-strand cDNA synthesis, but not in the absence of the integrase protein 32
- Newbert RW → Clarke DL
- Nguyen MM, Livingston DM: Cold-sensitive *rad52* alleles of yeast 100
- Nielsen BL → Zheng D
- Niemer I, Müller G, Strobel G, Bandlow W: Bleomycin hydrolase (Bhl1p), a multi-sited thiol protease in search of a distinct physiological role 41
- Nilsson-Tillgren T → Prætorius-Ibba M
- Nishi T → Katsura K
- Niwa O → Tange Y
- Nurse P → Grallert B
- Odenbach W → Laser B
- Oettler G → Laser B
- Ohama T → Hayashi-Ishimaru Y
- Osuský M, Kissová J, Kováč L: Interspecies transplacement of mitochondria in yeasts 24
- Padilla PA → Peck VM
- Palermo LM, Leak FW, Tove S, Parks LW: Assessment of the essentiality of *ERG* genes late in ergosterol biosynthesis in *Saccharomyces cerevisiae* 93
- Parks LW → Palermo LM
- Peacock WJ → Murray FR
- Peck VM, Fuge EK, Padilla PA, Gomez MA, Werner-Washburne M: Yeast *bcy1* mutants with stationary phase-specific defects 83
- Penttilä M → Jönsson LJ
- Penttilä M → Muñoz G
- Pimpinelli S, Marini A, Babudri N, Morpurgo G: 6-N-hydroxylaminopurine (HAP)-induced accumulation of variability in haploid and diploid strains of *Aspergillus nidulans* 331
- Poddar A → Roy N
- Pohl TM → Rieger K-J
- Poplawski AM, He C, Irwin JA, Manners JM: Transfer of an autonomously replicating vector between vegetatively incompatible biotypes of *Colletotrichum gloeosporioides* 66
- Potashkin J → McKinney R
- Poyton RO → Kwast KE
- Prætorius-Ibba M, Monnet G, Meyhack B, Kielland-Brandt M, Nilsson-Tillgren T, Hinnen A: Homologous recombination partly restores the secretion defect of underglycosylated acid phosphatase in yeast 190
- Prætorius GHJ → Schoch CL
- Prætorius IS → Webber AL
- Pring DR → Yan B
- Prior BA → Schoch CL
- Pukkila PJ → Maida S
- Raitses EI → Lo W-S
- Redman RS → Freeman S
- Richard G-F, Dujon B: Association of transcripts from a group-I intron-containing gene with high sedimentation coefficient particles 175
- Rieger K-J, Aljinovic G, Lazowska J, Pohl TM, Slonimski PP: A novel nuclear gene, *CBT1*, essential for mitochondrial cytochrome b formation: terminal processing of mRNA and intron dependence 163
- Ritzel RG → Coffin JW
- Rodriguez RJ → Freeman S
- Roy N, Poddar A, Lohia A, Sinha P: The *mcm17* mutation of yeast shows a size-dependent segregational defect of a mini-chromosome 182
- Ruf S, Kössel H: Tissue-specific and differential editing of the two *ycf3* editing sites in maize plastids 19
- Ruiz-Herrera J → López MC
- Saloheimo M → Jönsson LJ
- Santangelo GM, Tornow J: A *Saccharomyces cerevisiae* mitochondrial DNA fragment activates *Reg1p*-dependent glucose-repressible transcription in the nucleus 389
- Schmidt H → McKinney R
- Schnarrenberger C → Martin W
- Schneider R, Brors B, Bürger F, Camrath S, Weiss H: Two genes of the putative mitochondrial fatty acid synthase in the genome of *Saccharomyces cerevisiae* 384
- Schoch CL, Brüning ARNE, Entian K-D, Prætorius GHJ, Prior BA: A *Saccharomyces cerevisiae* mutant defective in the kinase-like protein *Kar3* is sensitive to NaCl-stress 315
- Scott B → Itoh Y
- Silliker ME, Monroe JA, Jorden MA: Evaluation of the efficiency of sexual reproduction in restoring *Podospora anserina* mitochondrial DNA to wild-type 281
- Sinha P → Roy N
- Skrzynia C → Maida S
- Slonimski PP → Rieger K-J
- Spelbrink JN, Zwart R, Van Galen MJM, Van den Bogert C: Preferential amplification and phenotypic selection in a population of deleted and wild-type mitochondrial DNA in cultured cells 115
- Stary S → Zwirn P
- Strobel G → Niemer I
- Subík J → Hikkel I
- Suzuki F → Katsura K
- Tabib Y → Yesodi V
- Takeuchi T → Kuninaga S
- Tange Y, Niwa O: Identification of the *ure1<sup>+</sup>* gene encoding urease in fission yeast 244
- Tornow J → Santangelo GM
- Tove S → Palermo LM
- Turner G → Clarke DL
- Valentin K: Phylogeny and expression of the *secA* gene from a chromophytic alga – implications for the evolution of plastids and sec-dependent protein translocation 300
- Van Belkum A → Boekhout T
- van de Vondervoort PJI → van den Hombergh JPTW
- Van den Bogert C → Spelbrink JN
- van den Hombergh JPTW, Fraissinet-Tachet L, van de Vondervoort PJI, Visser J: Production of the homologous pectin lyase B protein in six genetically defined protease-deficient *Aspergillus niger* mutant strains 73
- van der Aart OJM → Hikkel I
- Van Diepeningen AD, Debet AJM, Hoekstra RF: Heterokaryon incompatibility blocks virus transfer among natural isolates of black *Aspergilli* 209
- Van Galen MJM → Spelbrink JN
- Visser J → van den Hombergh JPTW
- Waring RB → Hur M
- Webber AL, Lambrechts MG, Prætorius IS: *MSS11*, a novel yeast gene involved in the regulation of starch metabolism 260
- Weiss H → Schneider R
- Wentz-Hunter K → McKinney R
- Werner-Washburne M → Peck VM
- Wieser J, Yu J-H, Adams TH: Dominant mutations affecting both sporulation and sterigmatocystin biosynthesis in *Aspergillus nidulans* 218
- Yan B, Pring DR: Transcriptional initiation sites in sorghum mitochondrial DNA indicate conserved and variable features 287

Yesodi V, Hauschner H, Tabib Y, Firon N:  
An intact  $F_1$ ATPase  $\alpha$ -subunit gene and a  
pseudogene with differing genomic organi-  
zation are detected in both male-fertile  
and CMS petunia mitochondria 348  
Yokosawa R → Kuninaga S  
Yu J-H → Wieser J

Zheng D, Kölle W: Characterization of the  
mitochondrial cytochrome *b* gene from  
*Venturia inaequalis* 361  
Zheng D, Nielsen BL, Daniell H: A 7.5-kbp  
region of the maize (T cytoplasm)  
mitochondrial genome contains a  
chloroplast-like *trnI* (CAT) pseudo  
gene and many short segments homolo-  
gous to chloroplast and other known  
genes 125

Zwart R → Spelbrink JN  
Zwirn P, Stary S, Luschnig C, Bachmair A:  
*Arabidopsis thaliana* RAD6 homolog  
AtUBC2 complements UV sensitivity,  
but not N-end rule degradation deficien-  
cy, of *Saccharomyces cerevisiae rad6*  
mutants 309

Indexed in *Current Contents*